

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 13 (Cancelled).

14. (New) A pressure transmitter, comprising:
a pressure transmitter body having a top surface;
a dividing membrane attached to said pressure transmitter body to form a pressure chamber between said top surface and said dividing membrane;
a first pressure canal, which extends between a first opening in said pressure chamber and a common pressure transfer path; and
a second pressure canal, which extends between a second opening in said pressure chamber and said common pressure transfer path, wherein:
said second pressure canal exhibits other hydraulic properties than said first pressure canal.

15. (New) The pressure transmitter as claimed in claim 14, wherein:
said other hydraulic properties include flow resistance and/or hydraulic capacitance of said first and second pressure canals, respectively.

16. (New) The pressure transmitter as claimed in claim 14, wherein:
said common pressure transfer path includes a capillary line and/or a measuring cell chamber.

17. (New) The pressure transmitter as claimed in claim 14, wherein:
said first canal and said second canal each includes an axial bore from said pressure chamber into said pressure transmitter body; and

the axial bores are connected over different paths into said common pressure transmission path.

18. (New) The pressure transmitter as claimed in claim 17, wherein:
the axial bore of said first canal is aligned with, and goes into, an axial bore of said common transmission path, and a resistance line runs between a laterally displaced, axial bore of said second canal and the axial bore of said common pressure transmission path.

19. (New) The pressure transmitter as claimed in claim 18, wherein:
said resistance line has a smaller cross sectional area than the axial bores of said first and second pressure canals.

20. (New) The pressure transmitter as claimed in claim 17, wherein:
resistance lines extend between a bore of said first canal and a bore of said common pressure transmission path and between the bore of said second canal and the bore of said common pressure transmission path, with said resistance lines having different lengths.

21. (New) The pressure transmitter as claimed in claim 20, wherein:
said resistance lines include sections of an annular canal.

22. (New) The pressure transmitter as claimed in claim 14, wherein:
said pressure transmitter body is composed of at least two portions which are fitted together; and
at least one of said pressure canals has a section which is formed in a surface which becomes an internal surface after the fitting of the portions together.

23. (New) The pressure transmitter as claimed in claim 21, wherein:
said section is a milled or turned depression.

24. (New) The pressure transmitter as claimed in claim 21, wherein:
said section forms a resistance line.

25. (New) A pressure sensor having:

a pressure measuring cell; and

a pressure transmitter comprising: a pressure transmitter body having a top surface; a dividing membrane attached to said pressure transmitter body to form a pressure chamber between said top surface and said dividing membrane; a first pressure canal, which extends between a first opening in said pressure chamber and a common pressure transfer path; and a second pressure canal, which extends between a second opening in said pressure chamber and said common pressure transfer path, said second pressure canal exhibiting other hydraulic properties than said first pressure canal, wherein:

said pressure measuring cell is loadable by way of said common pressure transmission path with the pressure prevailing in said pressure chamber; and

said second pressure canal exhibits other hydraulic properties than said first pressure canal.

26. (New) The pressure sensor as claimed in claim 25, further comprising:
a measuring cell chamber, which is formed in said pressure transmitter body, wherein:

said pressure measuring cell is arranged in said measuring cell chamber.